



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-25

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.532	2943 SSE	3061 SW	2996 WNW	2997 NE	Min : 54.86 Max : 101.1	Min : 33.60 Max : 84.30	Min : 29.75 Max : 30.01

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM				
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)	
2943	14.0	76.2	5.9	23.9	0.021	0.160	
2996	13.6	39.2	5.9	22.4	0.020	0.127	
2997	13.4	101.0	5.7	21.0	0.012	0.084	
3061	12.2	32.1	5.8	24.0	0.003	0.018	



Figure 1 : Monitoring Locations

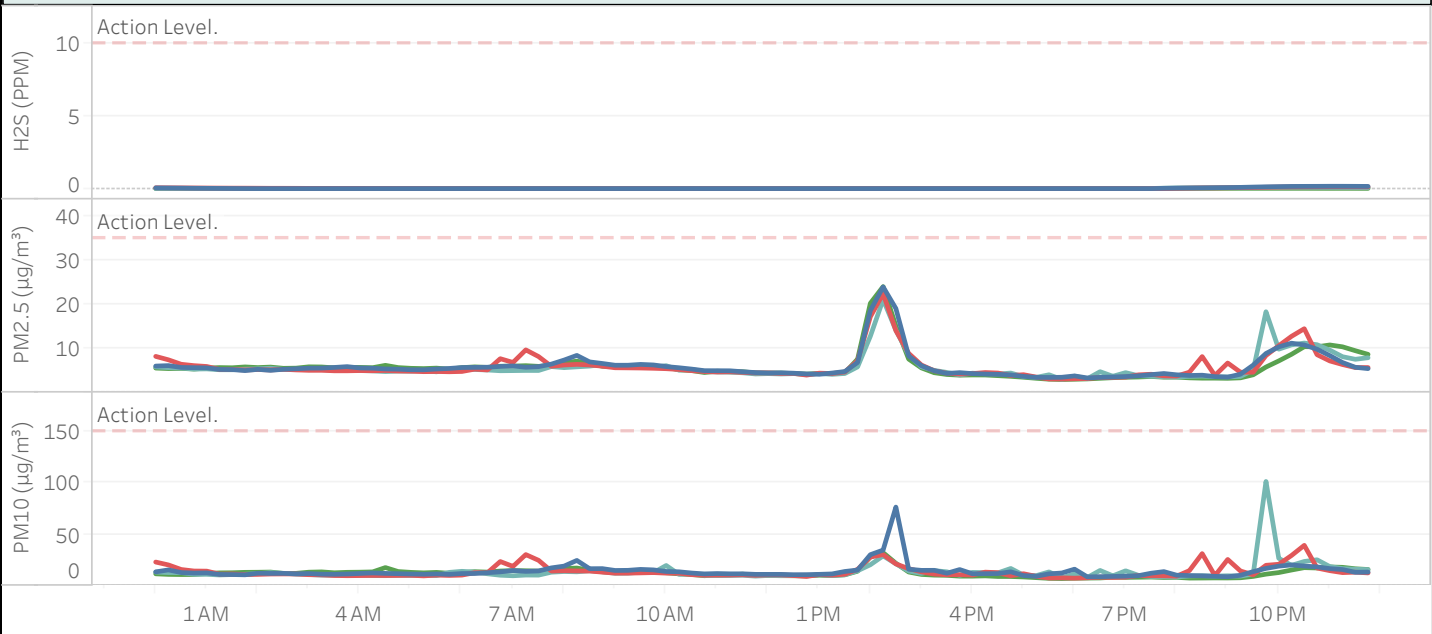


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

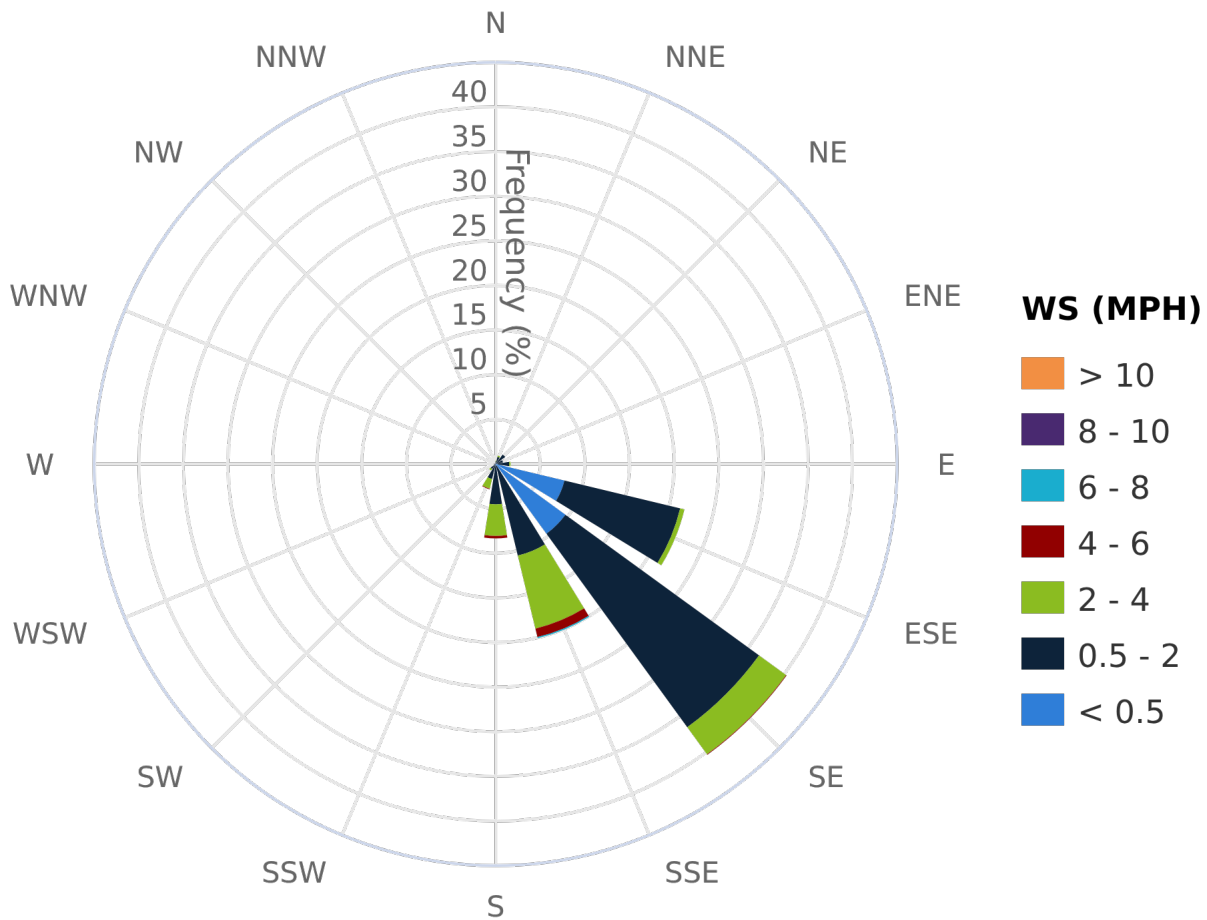


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

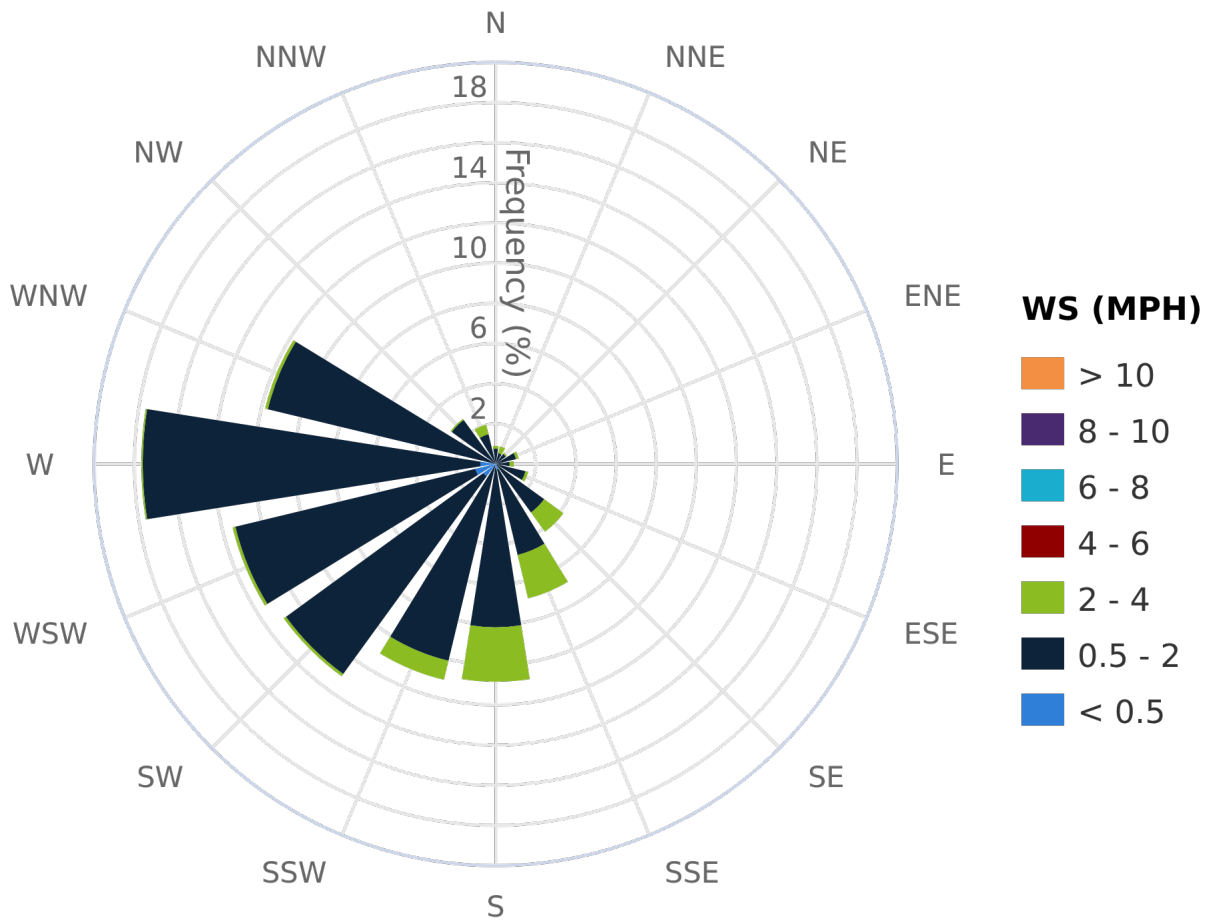


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

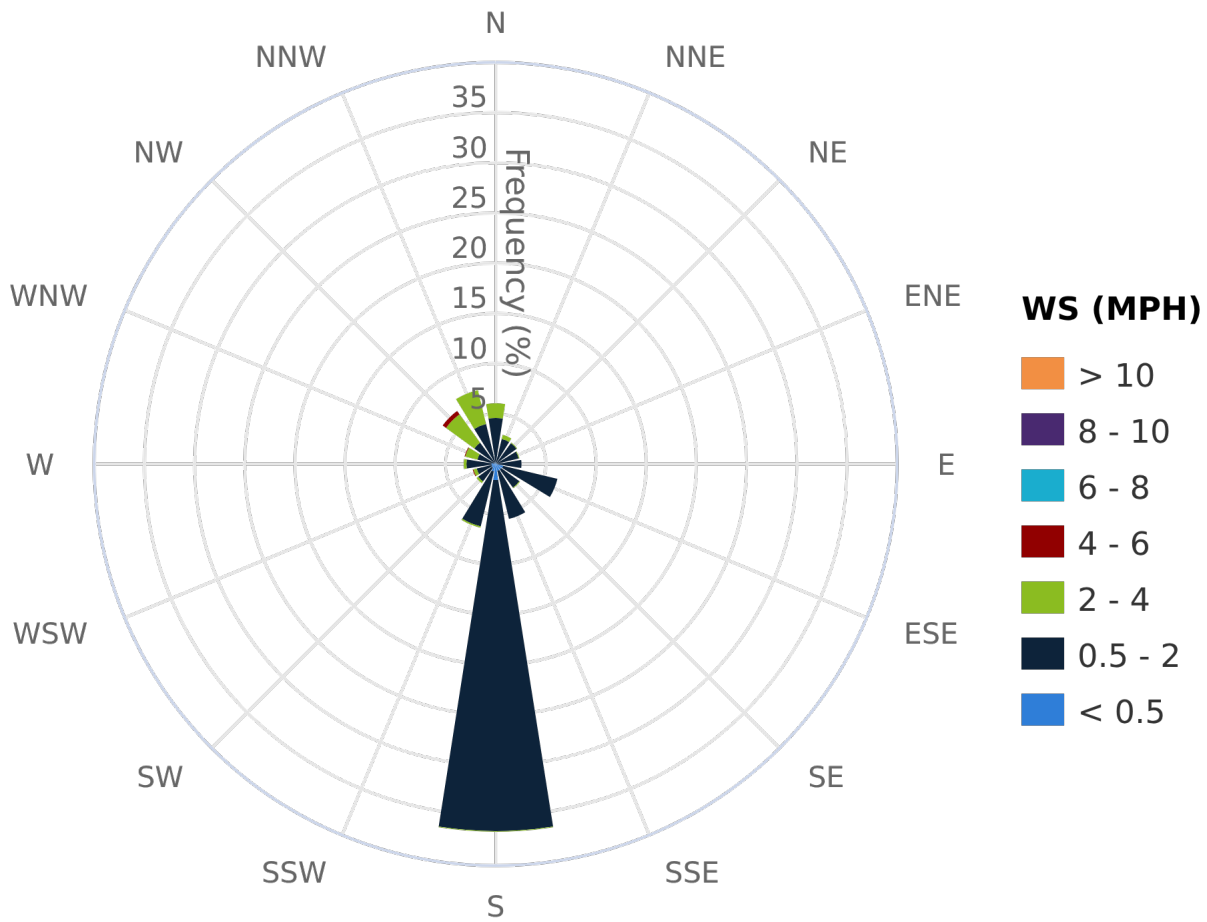


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

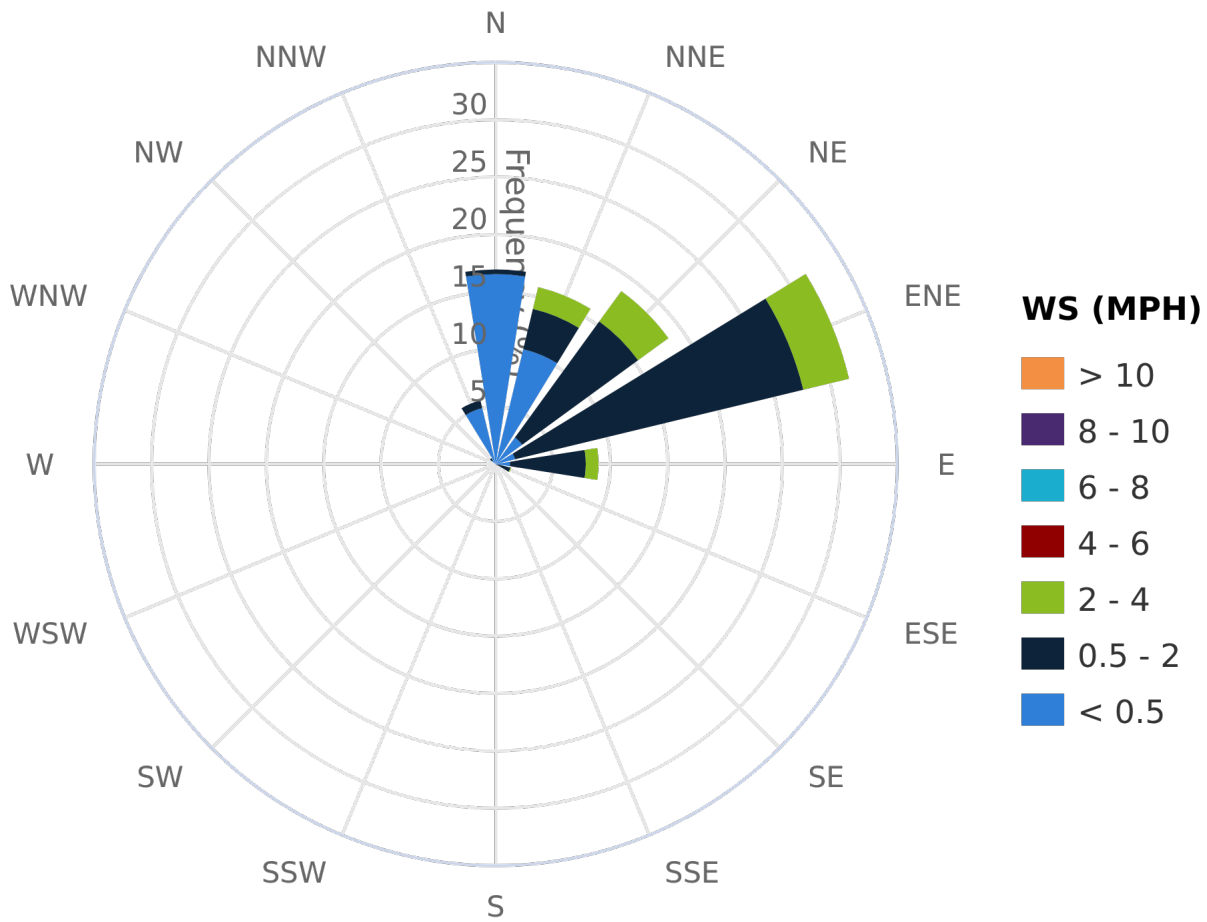


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	13.4	11.6	13.3	23.0	6.0	5.6	8.2	5.8	0.049	0.003	0.057	0.000
00:15:00	15.4	11.0	12.8	20.2	6.1	5.4	7.4	5.6	0.042	0.001	0.054	0.000
00:30:00	12.8	10.9	12.7	15.8	5.7	5.5	6.4	5.6	0.035	0.001	0.049	0.000
00:45:00	12.3	10.9	11.1	14.3	5.6	5.3	6.1	5.3	0.024	0.000	0.044	0.000
01:00:00	12.5	11.8	11.1	14.2	5.6	5.5	5.9	5.4	0.019	0.000	0.039	0.000
01:15:00	11.0	12.5	10.5	11.3	5.2	5.7	5.3	5.2	0.013	0.000	0.035	0.000
01:30:00	10.9	12.6	10.9	11.4	5.2	5.6	5.2	5.2	0.007	0.000	0.031	0.000
01:45:00	10.6	13.0	11.1	10.9	5.0	5.8	5.1	5.3	0.003	0.000	0.030	0.000
02:00:00	12.2	13.1	11.7	11.0	5.3	5.7	5.2	5.4	0.000	0.000	0.026	0.000
02:15:00	12.0	13.3	12.7	11.4	5.0	5.8	5.1	5.5	0.000	0.000	0.021	0.000
02:30:00	12.0	12.0	12.1	11.5	5.3	5.5	5.3	5.3	0.000	0.000	0.021	0.000
02:45:00	11.5	12.0	11.3	11.4	5.4	5.5	5.1	5.2	0.000	0.000	0.019	0.000
03:00:00	11.8	13.2	10.9	10.7	5.5	5.8	5.0	5.2	0.000	0.000	0.016	0.000
03:15:00	11.2	13.4	10.3	10.5	5.6	5.8	5.0	5.2	0.000	0.000	0.014	0.000
03:30:00	11.1	12.6	10.2	9.9	5.7	5.6	4.9	5.1	0.000	0.000	0.013	0.000
03:45:00	11.4	13.0	10.2	9.7	5.9	5.7	4.9	5.0	0.000	0.000	0.011	0.000
04:00:00	11.9	13.2	10.3	9.9	5.6	5.7	5.0	5.0	0.000	0.000	0.011	0.000
04:15:00	12.4	13.4	9.8	10.0	5.5	5.6	4.9	4.9	0.000	0.000	0.008	0.000
04:30:00	12.0	17.6	9.8	10.0	5.4	6.2	5.0	4.8	0.000	0.000	0.007	0.000
04:45:00	11.7	13.8	10.1	10.0	5.3	5.7	4.9	4.9	0.000	0.000	0.005	0.000
05:00:00	11.4	13.0	9.9	10.1	5.2	5.5	4.8	4.8	0.000	0.000	0.004	0.000
05:15:00	11.2	12.5	10.2	9.6	5.2	5.4	4.7	5.0	0.000	0.000	0.004	0.000
05:30:00	11.5	13.0	9.8	10.3	5.3	5.5	4.8	4.7	0.000	0.000	0.003	0.000
05:45:00	11.1	12.1	13.0	10.0	5.5	5.3	4.7	5.3	0.000	0.000	0.004	0.000
06:00:00	11.9	12.6	14.0	10.3	5.7	5.6	4.8	5.3	0.000	0.000	0.001	0.000
06:15:00	11.9	13.6	13.3	12.7	5.7	5.8	5.3	5.2	0.000	0.000	0.001	0.000
06:30:00	12.6	13.2	11.6	12.7	5.7	5.7	5.1	5.1	0.000	0.000	0.000	0.000
06:45:00	13.5	14.3	10.2	23.5	5.9	6.0	7.7	4.9	0.000	0.000	0.000	0.000
07:00:00	14.8	14.7	9.7	18.8	6.0	6.0	6.8	5.0	0.000	0.000	0.001	0.000
07:15:00	13.9	14.5	10.4	30.2	5.7	6.1	9.7	5.0	0.000	0.000	0.000	0.000
07:30:00	14.4	14.2	10.3	24.7	5.9	5.9	8.2	5.0	0.000	0.000	0.000	0.000
07:45:00	17.3	14.8	13.1	14.3	6.4	6.1	6.0	5.9	0.000	0.000	0.000	0.000
08:00:00	19.0	16.6	13.8	14.6	7.4	6.7	6.2	5.6	0.000	0.000	0.000	0.000
08:15:00	24.6	17.2	13.5	14.4	8.4	7.1	6.4	5.8	0.000	0.000	0.000	0.000
08:30:00	16.5	15.0	14.5	14.3	6.9	6.6	6.3	6.0	0.000	0.000	0.000	0.000
08:45:00	16.6	13.6	13.5	13.2	6.6	6.0	6.0	6.3	0.000	0.000	0.000	0.000
09:00:00	14.8	13.1	12.1	12.2	6.2	5.8	5.6	5.8	0.000	0.000	0.000	0.000
09:15:00	15.0	12.9	12.2	12.2	6.2	5.8	5.6	5.7	0.000	0.000	0.000	0.000
09:30:00	15.9	12.9	13.2	12.5	6.4	5.8	5.6	6.0	0.000	0.000	0.000	0.000
09:45:00	15.4	13.7	12.7	12.7	6.3	5.9	5.5	5.8	0.000	0.000	0.000	0.000
10:00:00	13.9	12.7	19.6	12.2	5.9	5.7	5.4	6.1	0.000	0.000	0.000	0.000
10:15:00	13.5	11.5	11.1	12.1	5.6	5.2	5.2	5.1	0.000	0.000	0.000	0.000
10:30:00	12.3	10.9	11.7	10.8	5.3	5.0	5.0	5.2	0.001	0.000	0.000	0.000
10:45:00	11.5	9.7	10.2	10.2	5.0	4.5	4.8	4.8	0.000	0.000	0.000	0.000
11:00:00	11.8	10.4	9.8	10.3	5.0	4.8	4.7	4.6	0.000	0.000	0.000	0.000
11:15:00	11.6	10.5	10.0	10.4	4.9	4.7	4.7	4.6	0.000	0.000	0.000	0.000
11:30:00	11.6	11.2	10.2	10.6	4.7	4.7	4.6	4.5	0.000	0.000	0.000	0.000
11:45:00	11.1	10.0	9.3	10.2	4.5	4.4	4.5	4.2	0.000	0.000	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	11.0	10.0	10.0	10.6	4.4	4.4	4.5	4.3	0.000	0.000	0.000	0.000
12:15:00	11.0	9.8	9.7	10.5	4.5	4.4	4.3	4.2	0.000	0.000	0.000	0.000
12:30:00	10.7	9.7	9.8	9.9	4.4	4.3	4.3	4.3	0.000	0.000	0.000	0.000
12:45:00	10.8	9.7	9.5	9.0	4.2	4.2	4.0	4.1	0.000	0.000	0.000	0.000
13:00:00	11.1	10.2	10.8	10.8	4.1	4.3	4.4	4.3	0.000	0.000	0.000	0.000
13:15:00	11.5	9.9	9.9	10.3	4.4	4.3	4.3	4.1	0.000	0.000	0.000	0.000
13:30:00	13.8	10.6	10.6	11.1	4.8	4.5	4.7	4.3	0.000	0.000	0.000	0.000
13:45:00	15.2	14.1	14.5	15.9	6.8	7.6	7.2	5.8	0.000	0.000	0.000	0.000
14:00:00	30.1	28.0	20.3	27.8	18.5	20.2	17.2	12.8	0.000	0.000	0.000	0.000
14:15:00	34.6	32.1	28.9	30.3	23.9	24.0	22.4	21.0	0.000	0.000	0.000	0.000
14:30:00	76.2	21.8	21.3	21.2	19.0	15.1	14.0	14.1	0.000	0.000	0.000	0.000
14:45:00	16.1	13.3	14.3	16.6	8.3	7.6	8.9	8.6	0.000	0.000	0.000	0.000
15:00:00	14.9	11.0	12.0	13.5	6.1	5.6	6.2	5.8	0.000	0.000	0.000	0.000
15:15:00	15.0	10.3	14.7	11.3	4.9	4.5	4.9	5.0	0.000	0.000	0.000	0.000
15:30:00	12.1	10.1	13.5	10.6	4.3	4.1	4.4	4.6	0.000	0.000	0.000	0.000
15:45:00	15.7	9.3	10.1	10.8	4.5	4.0	4.2	4.0	0.000	0.000	0.000	0.000
16:00:00	11.6	9.3	12.9	10.4	4.3	4.0	4.3	4.4	0.000	0.000	0.000	0.000
16:15:00	11.7	9.6	12.8	13.2	4.2	4.0	4.5	4.3	0.000	0.000	0.000	0.000
16:30:00	11.8	9.0	12.5	12.7	4.1	3.8	4.4	4.2	0.000	0.000	0.000	0.000
16:45:00	13.5	9.0	16.8	9.7	4.0	3.7	3.9	4.4	0.000	0.000	0.000	0.000
17:00:00	9.9	8.5	10.3	11.6	3.7	3.5	4.1	3.6	0.000	0.000	0.000	0.000
17:15:00	9.2	7.9	9.8	9.1	3.4	3.2	3.5	3.5	0.000	0.000	0.000	0.000
17:30:00	11.6	7.2	13.4	7.5	3.4	3.0	3.1	4.0	0.000	0.000	0.000	0.000
17:45:00	12.4	7.0	7.7	7.7	3.5	3.0	3.1	3.0	0.000	0.000	0.000	0.000
18:00:00	16.1	7.3	11.4	7.4	3.8	3.0	3.1	3.7	0.000	0.000	0.000	0.000
18:15:00	8.6	7.5	8.0	7.7	3.3	3.1	3.2	3.1	0.000	0.000	0.000	0.000
18:30:00	8.8	7.6	14.8	8.3	3.5	3.2	3.4	4.7	0.000	0.000	0.000	0.000
18:45:00	9.0	8.3	9.6	8.0	3.5	3.4	3.4	3.7	0.000	0.000	0.000	0.000
19:00:00	9.3	8.1	14.5	8.3	3.6	3.5	3.5	4.5	0.000	0.005	0.000	0.000
19:15:00	9.8	8.2	10.1	9.9	3.8	3.5	4.0	3.8	0.000	0.008	0.000	0.001
19:30:00	12.2	8.4	8.9	9.7	4.1	3.7	4.2	3.7	0.001	0.012	0.000	0.010
19:45:00	13.7	8.0	8.6	9.7	4.3	3.5	3.8	3.6	0.021	0.015	0.002	0.029
20:00:00	10.3	8.1	8.5	9.3	4.0	3.5	3.7	3.5	0.033	0.016	0.017	0.047
20:15:00	9.9	7.4	9.5	14.7	3.9	3.3	4.6	3.7	0.041	0.016	0.030	0.055
20:30:00	9.6	7.5	9.8	31.1	3.9	3.3	8.2	3.7	0.048	0.017	0.045	0.059
20:45:00	9.1	7.6	9.4	9.8	3.6	3.3	3.9	3.6	0.057	0.017	0.047	0.069
21:00:00	8.8	7.6	9.7	25.5	3.5	3.2	6.7	3.6	0.069	0.017	0.058	0.077
21:15:00	10.1	7.7	9.3	14.3	4.2	3.3	4.6	3.7	0.084	0.018	0.067	0.065
21:30:00	13.7	9.1	11.4	10.6	6.2	4.0	4.6	5.1	0.106	0.018	0.073	0.069
21:45:00	16.8	11.3	101.0	19.8	8.9	5.8	8.4	18.3	0.124	0.018	0.090	0.075
22:00:00	19.0	12.8	26.6	20.8	10.3	7.2	10.6	9.8	0.137	0.018	0.106	0.080
22:15:00	20.2	15.2	19.8	29.3	11.2	8.7	12.7	10.8	0.150	0.018	0.116	0.083
22:30:00	19.1	17.5	23.5	39.2	10.8	10.4	14.4	11.2	0.154	0.018	0.120	0.084
22:45:00	18.3	17.2	25.2	17.2	9.8	10.4	8.6	10.8	0.156	0.017	0.124	0.080
23:00:00	16.6	18.2	18.6	14.6	8.4	10.8	7.2	9.6	0.160	0.016	0.127	0.077
23:15:00	15.7	17.9	16.7	12.7	6.8	10.4	6.3	8.1	0.160	0.017	0.125	0.073
23:30:00	13.0	16.5	16.0	13.2	5.7	9.5	5.7	7.5	0.156	0.016	0.124	0.068
23:45:00	13.3	15.8	15.7	12.4	5.4	8.6	5.7	7.9	0.151	0.014	0.120	0.060



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*

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